

**POWER OF ATTORNEY  
and  
CORRESPONDENCE ADDRESS  
INDICATION FORM**

Application Number
Filing Date
First Named Inventor
Title
Art Unit
Examiner Name
Attorney Docket Number

See Attachment A

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby appoint:

☒ Practitioners associated with the Customer Number:

23562

OR

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☒ The address associated with the above-mentioned Customer Number:

OR

☐ The address associated with Customer Number:

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City

State

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Telephone

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I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

**SIGNATURE of Applicant or Assignee of Record**

Signature	<i>William B. Hughes</i>	Date	12/1/05
Name	William Hughes	Telephone	650-846-1316
Firm and Company	EVP, General Counsel & Secretary for TIBCO SOFTWARE, INC.		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ \*Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: TIBCO Software, Inc.Application No./Patent No.: 09/502873 Filed/Issue Date: 2/11/2000

Entitled:

TIBCO Software, Inc., a corporation  
 (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
 The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: INVENTORS To: TIBCO SOFTWARE, INC.  
 The document was recorded in the United States Patent and Trademark Office at Reel 010565, Frame 0447, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Brian C. McCormack  
 Signature

12/16/2005

Date

Brian C. McCormack

Printed or Typed Name

214.978.3007

Telephone Number

Attorney for assignee TIBCO Software, Inc.  
 Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## ATTACHMENT A

MATTER #	TITLE	PATENT NUMBER	FILING DATE	SERIAL NUMBER	INVENTORS
TIB-001US1	STORING AND DELIVERING DOCUMENTS ON THE INTERNET	6038601	21-Jul-97	08/897786	Mark Lambert, Daniel J.G. van der Rijn, David Kemper, Jay Verkler
TIB-001US2	STORING AND DELIVERING DOCUMENTS ON THE INTERNET	6629138	23-Aug-99	09/379376	Mark Lambert, Daniel J.G. van der Rijn, David Kemper, Jay Verkler
TIB-001US3	STORING AND DELIVERING DOCUMENTS ON THE INTERNET		18-Nov-02	10/299614	Mark Lambert, Daniel J.G. van der Rijn, David Kemper, Jay Verkler
TIB-002US1	DATA SECURITY IN MULTIPOINT PUBLISH/SUBSCRIBE COMMUNICATIONS		4-Aug-97	60/054636	Derek Collison
TIB-002US2	DATA SECURITY IN MULTIPOINT PUBLISHING/SUBSCRIBE COMMUNICATIONS		4-Feb-00	09/498834	Derek Collison

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MATTER #	TITLE	PATENT NUMBER	FILING DATE	SERIAL NUMBER	INVENTORS
TIB-004US1	<b>WORKFLOW MANAGEMENT SYSTEM WHEREIN AD-HOC PROCESS INSTANCES CAN BE GENERALIZED</b>	6,003,011	7-Jan-98	09/003,701	Sunil K. Sarin, Alexis Layton
TIB-005US1	<b>WEB SERVER AND WEB SERVER METHOD FOR ANONYMOUS SUBJECT BASED ADDRESSING</b>		22-Dec-99	60/171930	Derek Collison
TIB-005US2	<b>ANONYMOUS SUBJECT-BASED ADDRESSING</b>		20-Dec-00	09/746757	Derek Collison
TIB-006US1	<b>CERTIFIED MESSAGE DELIVERY AND QUEUEING IN MULTIPOINT PUBLISH/SUBSCRIBE COMMUNICATIONS</b>		18-Aug-97	60/056342	Derek Collison, Dan Leshchiner, Dennis Page
TIB-006US2	<b>CERTIFIED MESSAGE DELIVERY AND QUEUEING IN MULTIPOINT PUBLISH/SUBSCRIBE COMMUNICATIONS</b>		11-Feb-00	09/502873	Derek Collison, Dan Leshchiner, Dennis Page

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MATTER #	TITLE	PATENT NUMBER	FILING DATE	SERIAL NUMBER	INVENTORS
TIB-007US1	MAINTAINING CONSISTENCY BETWEEN AN OBJECT STORE AND A PLURALITY OF CACHES UTILIZING SELECTIVE TRANSACTIONAL NOTIFICATION WITH TRANSIENT PROPERTY PERSISTENCE		21-Dec-01	60/343272	Michael Kanaley
TIB-007US2	METHOD AND APPARATUS TO MAINTAIN CONSISTENCY BETWEEN AN OBJECT STORE AND A PLURALITY OF CACHES UTILIZING TRANSACTIONAL UPDATES TO DATA CACHES		27-Nov-02	10/305759	Michael Kanaley
TIB-008US1	SINGLE APPLLET TO COMMUNICATE WITH MULTIPLE HTML ELEMENTS CONTAINED INSIDE OF MULTIPLE CATEGORIES ON A PAGE DIRECTLY VIA SCRIPT		25-Jan-02	10/058152	David Berry, Larry Neumann
TIB-009US1	PUBLISH/SUBSCRIBE NETWORK WITH QUEUEING FOR MESSAGE TRANSFER		15-Feb-00	60/182444	James Stabile
TIB-009US2	PUBLISH/SUBSCRIBE NETWORK WITH QUEUEING FOR MESSAGE TRANSFER		28-Mar-00	09/536951	James Stabile

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MATTER #	TITLE	PATENT NUMBER	FILING DATE	SERIAL NUMBER	INVENTORS
TIB-010US1	INTRA-PROCESS MESSAGE SWITCH		16-Feb-00	60/182862	Girish Kumar Mutreja
TIB-010US2	INTRA-PROCESS MESSAGE SWITCH		15-Feb-01	09/784988	Girish Kumar Mutreja
TIB-011US1	CONTENT BASED MESSAGE SWITCHING IN AN MVS ENVIRONMENT		17-Feb-00	60/183114	Kurt E Lingel
TIB-011US2	CONTENT BASED MESSAGE SWITCHING IN AN MVS ENVIRONMENT		12-Feb-01	09/782345	Kurt E Lingel
TIB-012US1	NORMALIZING MESSAGE ROUTING THROUGH A MULTICAST AND UNICAST NETWORK		14-Mar-00	60/189122	James Stabile, Geoff Mendel

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MATTER #	TITLE	PATENT NUMBER	FILING DATE	SERIAL NUMBER	INVENTORS
TIB-012US2	<b>NORMALIZING MESSAGE ROUTING THROUGH A MULTICAST AND UNICAST NETWORK</b>		27-Jul-00	09/626529	Girish Kumar Mutreja
TIB-013US1	<b>FAULT TOLERANT VIDEO DISTRIBUTION</b>		3-Dec-01	60 /336946	Brian D Whetten
TIB-014US1	<b>CONTRACT BASED NETWORK MESSAGING</b>		7-Dec-01	60 /339233	Brian D Whetten
TIB-015US1	<b>SIMULTANEOUSLY USING PUBLISH- SUBSCRIBE AND QUEUING MESSAGING PARADIGMS</b>		17-Oct-02	60/419342	Derek Collison
TIB-015US2	<b>SIMULTANEOUSLY USING PUBLISH- SUBSCRIBE AND QUEUING MESSAGING PARADIGMS</b>		17-Oct-03	10/687951	Derek Collison

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MATTER #	TITLE	PATENT NUMBER	FILING DATE	SERIAL NUMBER	INVENTORS
TIB-016US1	EDUCATION EVENT MODULE AND PRESENTATION		8-Sep-00	60/231458	Coimbatore Kristnarao Prahalad
TIB-016US2	EDUCATION EVENT MODULE AND PRESENTATION		7-Sep-01	09/948822	Coimbatore Kristnarao Prahalad
TIB-017US1	EVENT INDEX		25-Oct-00	60/243508	Arun Katkere, Asquith Bailey, Stefano Malnati, Simone Santini
TIB-017US2	EVENT INDEX		25-Oct-01	10/028855	Arun Katkere, Asquith Bailey, Stefano Malnati, Simone Santini
TIB-018US1	ACTIVE ATTRIBUTES		25-Oct-00	60/243507	Anand Vaidyanathan, Arun Katkere, Asquith Bailey, Stefano Malnati, Simone Santini



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MATTER #	TITLE	PATENT NUMBER	FILING DATE	SERIAL NUMBER	INVENTORS
TIB-018US2	CAPTURING AND MANAGING ACTIVE ATTRIBUTES FOR EVENTS		25-Oct-01	10/001739	Anand Vaidyanathan
TIB-019US1	DYNAMIC NOTIFICATION		25-Oct-00	60/243338	Arun Katkere, Asquith Bailey, Stefano Malnati, Simone Santini
TIB-019US2	DYNAMIC NOTIFICATION		25-Oct-01	10/028165	Arun Katkere, Asquith Bailey, Stefano Malnati, Simone Santini
TIB-020US1	EVENT LANGUAGE		25-Oct-00	60/243378	Arun Katkere, Asquith Bailey, Stefano Malnati, Simone Santini
TIB-020US2	EVENT LANGUAGE		25-Oct-01	10/028148	Arun Katkere, Asquith Bailey, Stefano Malnati, Simone Santini

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MATTER #	TITLE	PATENT NUMBER	FILING DATE	SERIAL NUMBER	INVENTORS
TIB-021US1	BROKERING LARGE COLLECTIONS OF WIDELY DISTRIBUTED HETEROGENEOUS LIVE SENSORS OVER A NETWORK		16-Aug-99	09/375304	Ramesh Jain, Jeremy Friesner, Amarnath Gupta, Simone Santini, Arun Katkere
TIB-022US1	MULTI-PERSPECTIVE VIEWER FOR CONTENT-BASED INTERACTIVITY	6144375	14-Aug-98	09/134188	Ramesh Jain, Terry Hicks, Asquith Bailey, Ryan McKinley, Don Yamato
TIB-022US2	MULTI-PERSPECTIVE VIEWER FOR CONTENT-BASED INTERACTIVITY		26-Sep-00	09/669951	Ramesh Jain, Terry Hicks, Asquith Bailey, Ryan McKinley, Don Kuramura, Arun Katkere
TIB-022US3	MULTI-PERSPECTIVE VIEWER FOR CONTENT-BASED INTERACTIVITY		7-Nov-02	10/291330	Ramesh Jain, Terry Hicks, Asquith Bailey, Ryan McKinley, Don Kuramura, Arun Katkere
TIB-023US1	INTELLIGENT CONSOLE FOR CONTENT BASED INTERACTIVITY		3-Mar-00	09/518480	Don Kuramura

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MATTER #	TITLE	PATENT NUMBER	FILING DATE	SERIAL NUMBER	INVENTORS
TIB-024US1	EVENT MANAGER		25-Oct-00	60/243378	Arun Katkere, Asquith Bailey, Stefano Malnati, Simone Santini, Brent Olsen
TIB-024US2	CAPTURING AND MANAGING EVENTS		25-Oct-01	10/027831	Arun Katkere, Asquith Bailey, Stefano Malnati, Simone Santini, Brent Olsen
TIB-025US1	CONTENT CAPSULE		25-Oct-00	60/243376	Andrew Moon, Arun Katkere, Asquith Bailey, Stefano Malnati, Simone Santini
TIB-025US2	CONTENT CAPSULE		25-Oct-01	10/003451	Andrew Moon, Arun Katkere, Asquith Bailey, Stefano Malnati, Simone Santini
TIB-026US1	EFFICIENT TRANSFORMATION OF INFORMATION BETWEEN A SOURCE SCHEMA AND A TARGET SCHEMA		30-Jun-03	10/611232	Mark Stoner, Neal Cruz

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MATTER #	TITLE	PATENT NUMBER	FILING DATE	SERIAL NUMBER	INVENTORS
TIB-028US1	INFERENTIAL STATE MACHINE		12-Jul-05	11/180075	Puneet Aurora, Suresh Subramani, Nick Che Ken Leong
TIB-029US1	DELIVERY OF DATA AND FORMATTING INFORMATION TO ALLOW CLIENT-SIDE MANIPULATION		19-Apr-02	60/373,935	Lucas Birdeau, Clifford Yeh, Michael Peachey, Kevin Hakman
TIB-029US2	DELIVERY OF DATA AND FORMATTING INFORMATION TO ALLOW CLIENT-SIDE MANIPULATION		22-Oct-02	10/278,728	Lucas Birdeau, Clifford Yeh, Michael Peachey, Kevin Hakman
TIB-030US1	SYSTEM FOR CREATING, EDITING, DISPLAYING AND EXECUTING RULES-BASED PROGRAMMING LANGUAGE RULES HAVING ACTION PART SUBSETS FOR BOTH TRUE AND FALSE EVALUATION OF THE CONDITIONAL PART	5596752	11-Mar-93	08/029700	Helge Knudsen, Daniel T. Chong, John Yaffe, James E. Taugher, Michael Robertson, Zbigniew Plazak
TIB-030US2	OPERATING SYSTEM AND DATABASE HAVING AN ACCESS STRUCTURE FORMED BY A PLURALITY OF TABLES	5594899	1-Dec-94	08/347588	Helge Knudsen, Daniel T. Chong, John Yaffe, James E. Taugher, Michael Robertson, Zbigniew Plazak

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MATTER #	TITLE	PATENT NUMBER	FILING DATE	SERIAL NUMBER	INVENTORS
TIB-030US3	PROGRAMMABLE COMPUTER WITH AUTOMATIC TRANSLATION BETWEEN SOURCE AND OBJECT CODE WITH VERSION CONTROL	5586329	18-Apr-95	08/424234	Helge Knudsen, Daniel T. Chong, John Yaffe, James E. Taugher, Michael Robertson, Zbigniew Plazak
TIB-030US4	PROGRAMMABLE COMPUTER WITH AUTOMATIC TRANSLATION BETWEEN SOURCE AND OBJECT CODE	5586330	18-Apr-95	08/424241	Helge Knudsen, Daniel T. Chong, John Yaffe, James E. Taugher, Michael Robertson, Zbigniew Plazak
TIB-030US5	COMPUTER METHOD FOR IMPLEMENTING A GET INSTRUCTION	5584026	29-Apr-95	08/426489	Helge Knudsen, Daniel T. Chong, John Yaffe, James E. Taugher, Michael Robertson, Zbigniew Plazak
TIB-030US6	OPERATING SYSTEM AND DATABASE USING TABLE ACCESS METHOD WITH DYNAMIC BINDING	5682535	13-Jan-97	08/784736	Helge Knudsen, Daniel T. Chong, John Yaffe, James E. Taugher, Michael Robertson, Zbigniew Plazak